

MEETING NOTES

Meeting Date : January 12, 2009 Project : UO Lewis Integrative Science Building

Author : Regina Filipowicz / Becca Cavell Job No. : THA Project 0810

Re : Neuroscience / Life Science User Group Programming Meeting 1

Present:

User Group Members

Lou Moses, Psychology
Ed Awh, Psychology
Paul Dassonville, Psychology
Helen Neville, Psychology
Bruce Bowerman, Biology
Monte Matthews, OVSAC
Mike Wehr, Psychology/ ION
Ulrich Mayr, Psychology
Scott Frey, LCNI / Psychology
Karen Guillemin, Biology / IMB

UO Representatives

Fred Tepfer
Emily Eng

Consultants

Chuck Cassell, HDR, lab planning principal
Regina Filipowicz, HDR, lab planner
Becca Cavell, THA project manager

Summary Notes

- 1.1 Chuck opened the meeting with an overview of the programming process.
- 1.2 Chuck summarized benchmark expectations for the project:
 - A lab building such as LISB is typically 55% efficient, so a 100,000 GSF building would accommodate 55,000 assignable SF.
 - Of that 55,000 ASF, expect 60% to be lab and lab support space and 40% to be offices / meeting rooms.
- 1.3 Neuroscience / Psychology will need five wet labs:
 - Future hire – mouse genetics
 - Institute of Molecular Biology
 - Institute of Neuroscience (Cliff and Mike)
 - Terry Takahashi (owls to remain in current location but TT needs lab in Lewis with anechoic chamber)
- 1.4 Mouse Genetics labs ~1500 ASF with office per PI; (1) Faculty per office
- 1.5 There will be 11-12 people in the labs maximum
- 1.6 Shared labs are possible in lieu of individual labs.
- 1.7 Fume hoods could be grouped and shared.
- 1.8 Some support labs could be shared; Microscopy, Equipment rooms, Cold rooms, etc.
- 1.9 Cognitive Neuroscience will need eleven dry labs:
 - Ed Awh
 - Ed Vogel
 - Ulrich Mayr
 - Scott Frey
 - Helen Neville
 - Mike Anderson
 - Jennifer Pfeifer
 - Phil Fisher
 - Need to identify remaining PIs

NOTE: Attention Attendees! Please review these notes carefully as they will form the basis of future work on this project. If you feel that anything is incorrect or incomplete, please call the author at 503-227-1254.

- 1.10 Currently there are 9 Cognitive Neuroscience labs that average 1,000 SF per faculty member - this is too small.
- 1.11 Many labs have shielded booths for electro-physiology experiments.
 - Typically these are 8x8 pre-engineered booths
 - Helen has a larger 10x15 booth for groups
 - Each booth is within a larger room that houses space for prep and data acquisition
 - Data acquisition typically requires a desk with room for 2 seated.
 - Eye tracking work requires a 5x15 space for two, with a smaller ante room. Projected images are used.
 - Scott's work involves kinematics with trans-cranial stimulation and electro-physiology equipment.
- 1.12 Group discussed "run rooms" required for 3 [Behavioral Genetics?] PIs:
 - Typical size proposed to be 8x8
 - Will need 20-24 such rooms
 - No windows - Do not need natural light
 - Waiting area for 8 people (assume 200 ASF)
 - Central reception / coordination area for 4 RAs (assume 80 ASF each for 320 ASF total)
 - Suggest one wet cluster and one dry cluster
 - Chuck diagramed some layout options
- 1.13 Ed Vogel and Helen envision sharing a cluster of six anechoic chambers for ERP.
 - 3 booths for Helen, 2 for Ed, and 1 shared
 - Could be 2 labs with 3 booths each
 - Booths need some separation between them
 - Typical interior dimensions 6x8
 - Each booth requires subject prep space outside
 - Each booth has a control desk with 2 computers outside
 - Helen's booths need a degree of privacy in the entry area. Some subjects are young children, others need sign language assistance.
 - Quick count totals 20 stations for students, grads, RAs etc.
 - Sink required
- 1.14 Group will work to schedule tours for design team of faculty lab spaces
- 1.15 Eye Tracking Lab
 - (2) Run Rooms – 8'x12'
 - (2) longer Run Rooms – 8'x16'
- 1.16 Movement / TMS Lab
 - (1) Larger Testing Room – 12'x12'
 - (6) Run Rooms – 8'x10'
 - (1) Run Room 10'x10'
- 1.17 Common Spaces
 - Data Analysis
 - (11) Areas (clusters)
 - Promote faculty interaction
 - Require natural light
 - Common Workstations (±600 SF); Some computers require security
 - Grad Students will typically be located in open areas
 - (2) Private Rooms

END OF NOTES

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